



Field Service Bulletin
CNG Motion Industries Flex Hose Recall

ENP-313, Rev. A
July 30, 2015

1. Introduction

A recall notice has been issued by Agility Fuel Systems for some CNG side-mounted fuel systems that use Motion Industries T1700-06 flexible fuel hoses and are registered in the Salt Belt States. (These fuel lines can exist in multiple positions and configurations in the CNG fuel system connecting tank systems to one another and to the fuel management module, or FMM).

This recall targets hoses Motion Industries stainless steel braided hoses that terminate inside of a side mounted tank enclosure. These parts been observed to experience accelerated corrosion on an exposed area of braid near the collet on the end of the hose.

The National Highway Traffic Safety Administration (NHTSA) ID number is 14E056.

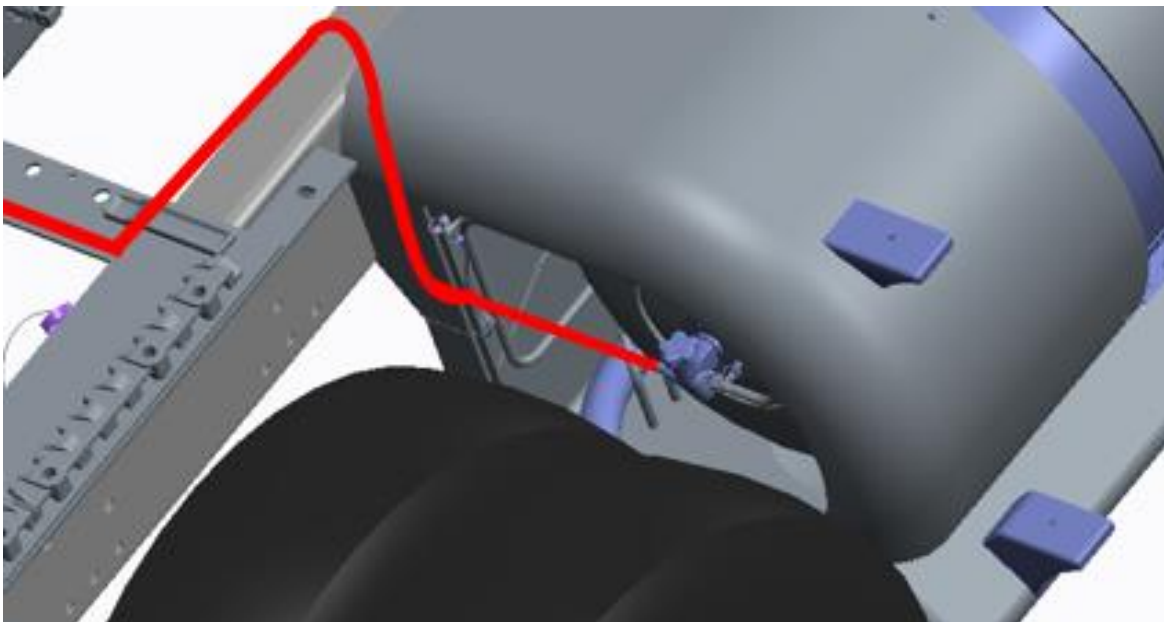


Figure 1: Side mount tank enclosure with crossover fuel hose highlighted in red.

2. Affected Units

Recall applicable vehicles must meet the following three criteria.

- The customer vehicle must have a Motion Industries Stainless Steel braided hose.
- The fuel line must be connected directly (terminate) at the valve on slave rail mount system
- This action involves vehicles that are registered in the twenty (20) Salt Belt States (CT, DE, IA, IL, IN, MA, MD, ME, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, WI, and WV) plus D.C.

Contact Agility Fuel Systems Product Support Group at 949-267-7745 or support@agilityfs.com if your vehicle meets these criteria.

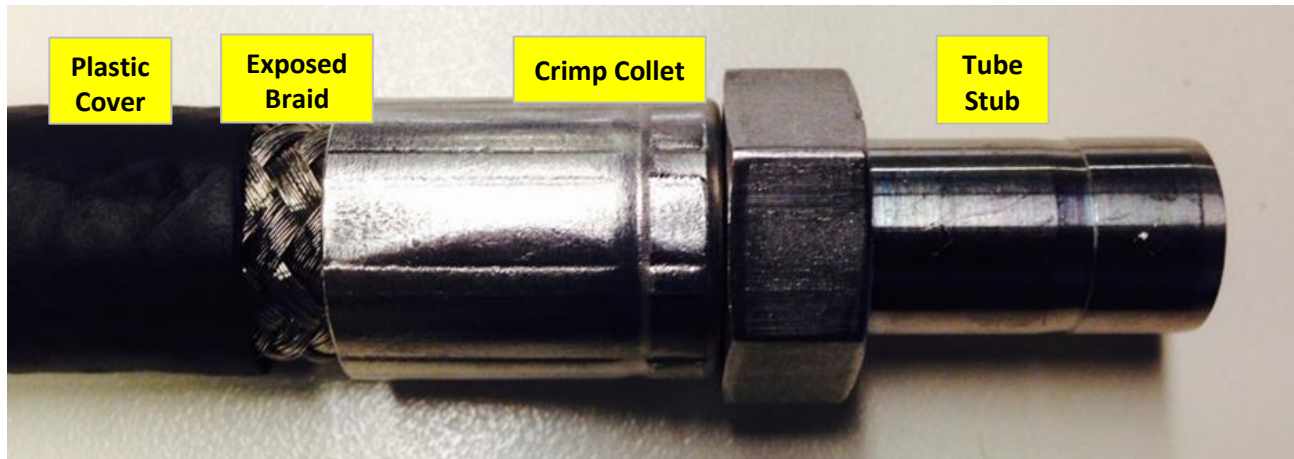


Figure 2: Agility Fuel Systems P/N10300783 Motion industries CNG flexible fuel line. Swaged fittings are not shown in this photo.

3. Hose Replacement

If your vehicle meets the recall criteria, contact Agility Product Support for replacement. Determine the specs on the hose (1/2-in. or 3/8-in. diameter) and take a photo of the connection at the valve. Measure the length of the hose and take note of fitting sizes to insure the proper equivalent hose is sent. Use the form in Section 5.

All replaced parts must be returned to the Agility Fuel Systems warranty department.



Figure 4 Frost forming near a CNG gas leak. The leak is located at the junction of the braid and fitting ferrule.

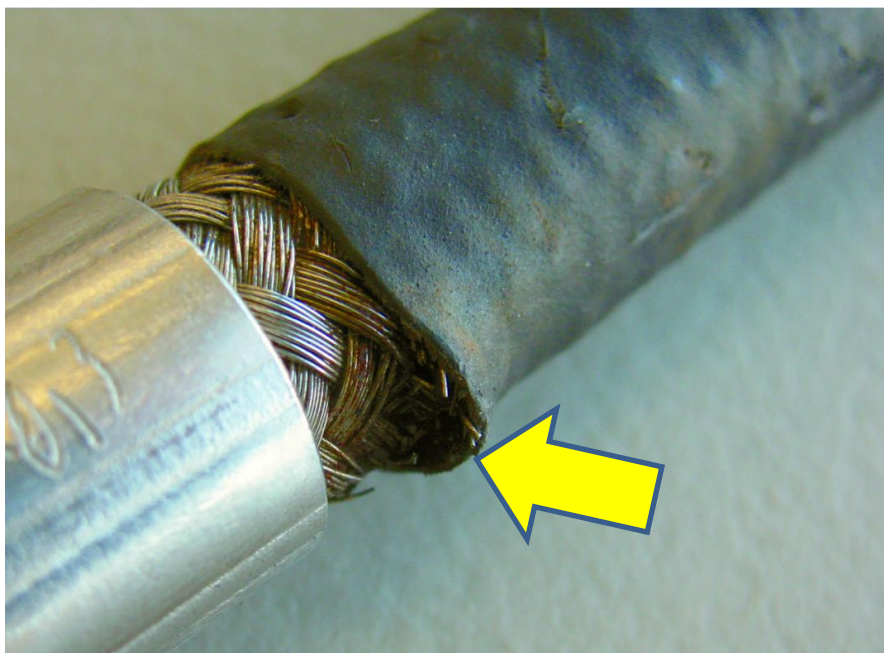


Figure 4 Corrosion at the braid and fitting. The failure location is shown.

4. Supplemental Information

See ENP-196, “CNG Fuel System Inspection Interval Recommendations for High Mileage, Heavy Duty Vehicles” and ENP-112414-251-K, “CNG Flex Hose Visual Inspection and Leak Detection,” for more information.

If you have any questions, contact Agility Fuel Systems Product Support at 949-267-7745 or support@agilityfs.com.

Agility Fuel Systems
Product Support Group
1815 Carnegie Ave
Santa Ana, CA 92705 USA

Standard repair time (SRT) is 1 hour.

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Revision	Description	Author	Approved By	Date
--	Initial Release	W. Yoshida	A. Bhakta	7/20/15
A	Added SRT	W. Yoshida	W. Yoshida	7/30/15

5. Motion Hose Replacement Form for Side Mount CNG Systems

Use this form to verify whether or not your hose is affected by the recall.

5.1 Typical Motion Hose and Identification Tag



5.2 Characteristics

- Flat black outer jacket
- Vertical crimp lines on collar
- Cover roughly 1/4-in. away from collar, leaving a section of metal braid exposed
- Metal tag with date of manufacture information

5.3 Information Needed for Return-Replacement-CRN

1) Contact Name/Phone/E-mail: _____

2) Last 6 of VIN:

3) Unit No. _____

4) Year: _____

5) Make: _____

6) Model: _____

7) Mileage: _____

8) Operating hours: _____

9) Is it a non-FMM side mount system and does the hose connect to the inside of the side mount: YES _____ NO _____

10) Is the vehicle located in an identified Salt Belt State? YES _____ NO _____

11) Vehicle location (address) in case we need to ship parts or send technician:

12) Does the hose fit the Motion description above, as follows (check mark if yes):

- Flat black plastic cover _____
- Vertical crimp lines on collar _____
- Exposed metal braid at collar _____
- Metal identification tag _____

13) End user/fleet name: